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TULPEHOCKEN CREEK MONITORING FOR ARSENICAL STORAGE VAULT

<u>Date</u>	<u>Canal at Extreme West End Of Property</u>	<u>Δ % →</u>	<u>Canal at Culvert</u>
12-11-78	0.042 mg/l. Arsenic	+ 38.1%	0.058 mg/l. Arsenic
3-22-79	0.017	+ 17.7%	0.020
3-29-79	0.023	- 39.1%	0.014
5-8-79	0.014	+ 78.6%	0.025
6-12-79	0.026	+5554. %	1.47
7-16-79	0.16	- 23.75%	0.122
8-20-79	0.41	+178. %	1.14
9-25-79	0.061	+277. %	0.230
10-23-79	0.008	+2325. %	0.194
12-28-79	0.022	+936. %	0.228
1-31-80	0.051	+182. %	0.144
3-27-80	0.021	+129. %	0.048
4-30-80	0.034	+212. %	0.106
5-28-80	0.031	+ 13. %	0.035
6-13-80	0.044	+164. %	0.116
6-30-80	0.021	+7424. %	1.58
7-15-80	0.004	+100. %	0.008
8-19-80	0.005	+260. %	0.018
9-29-80	0.006	+167. %	0.016
10-13-80	0.010	+610. %	0.071

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<u>Date</u>	<u>Canal at Extreme West End Of Property</u>	<u>△ % →</u>	<u>Canal at Culvert</u>
11-26-80	0.007 mg/l. arsenic	+5557. %	0.396 mg/l. arsenic
11-26-80	*0.023	+1622. %	
1-21-81	0.026	+ 431. %	0.138
3-18-81	0.146	- 55.5%	0.065
4-29-81	0.005	+ 340. %	0.022
5-14-81	0.027	+ 59.3%	0.043
6-16-81	0.044	+ 25. %	0.055
7-10-81	0.007	+ 185.7%	0.020
9-30-81	0.004	+ 750. %	0.034
10-30-81	0.0052	+ 74. %	0.0087
11-3-81	0.0051	+ 148. %	0.0124
12-3-81	0.004	+ 50. %	0.006
1-5-82	0.036	+4594. %	1.69
2-5-82	0.034	+ 247.1%	0.118
3-12-82	0.004	+2575. %	0.107
4-5-82	0.025	+ 412. %	0.128
5-13-82	0.038	+ 10.5%	0.042
6-18-82	0.008	+ 275. %	0.030
7-20-82	0.012	+ 158.3%	0.031
9-8-82	0.010	- 40. %	0.006

SAMPLING TEMPORARILY SUSPENDED TO MINIMIZE LABORATORY COSTS.

\*Same sample - 2 analyses

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